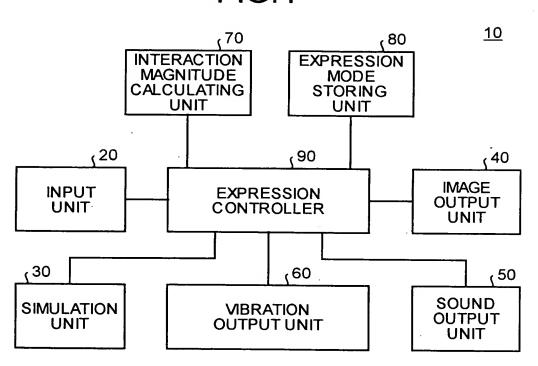
FIG.1



 $FIG.2A \\ \text{PRE-COLLISION AND POST-REBOUND INTERACTION MAGNITUDE AND EXPRESSION MODE} \\$

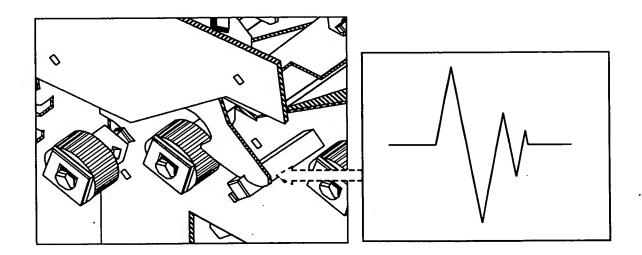
•		
	EXPRESSION MODES	ON MODES
INTERACTION MAGNITUDE	COLOR OF COLLIDER ENTITY	COLOR OF COLLIDER ENTITY
1.5mm < SHORTEST DISTANCE	PURPLE	YELLOW
1.0mm < SHORTEST DISTANCE ≤ 1.5mm	BLUE	YELLOW
0.5mm < SHORTEST DISTANCE ≤ 1.0mm	GREEN	YELLOW
0 <shortest distance≦0.5mm<="" td=""><td>YELLOW-GREEN</td><td>YELLOW</td></shortest>	YELLOW-GREEN	YELLOW
SHORTEST DISTANCE=0.0mm	YELLOW	YELLOW

FIG.2B

INTERACTION MAGNITUDE AND EXPRESSION MODE DURING COLLISION

		EXPRESSION MODES	MODES		
INTERACTION MAGNITUDE	IMPACT WAVEFORM	ANIMATION	COLOR	IMPACT	VIBRATION
SMALL DENTING AMOUNT	SINGLE SINUSOIDAL WAVE	SMALL AMPLITUDE SINUSOIDAL WAVE	YELLOW	NOOS	FEEBLE VIBRATIONS
MEDIUM DENTING AMOUNT	HALF-SINE WAVE	MEDIUM AMPLITUDE SINUSOIDAL WAVE	ORANGE	MEDIUM SOUND	MEDIUM
LARGE DENTING AMOUNT	OBLONG WAVE	LARGE AMPLITUDE SINUSOIDAL WAVE	RED	HIGH	HIGH VIBRATIONS

FIG.3



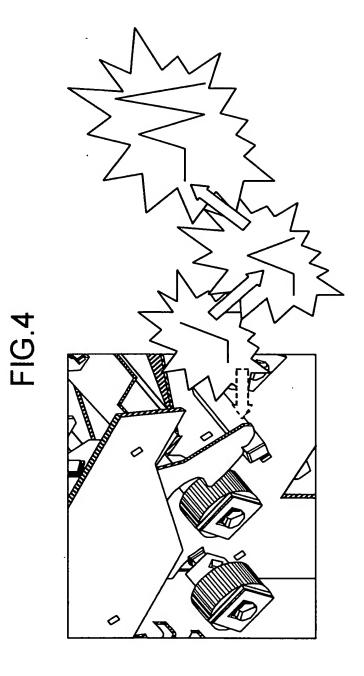


FIG.5

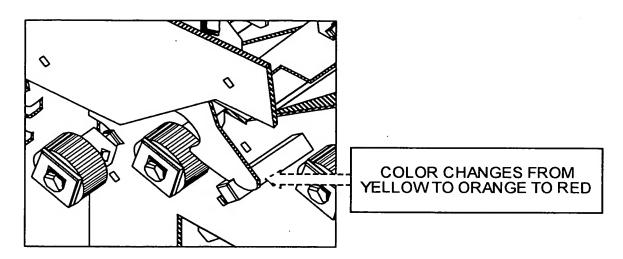


FIG.6

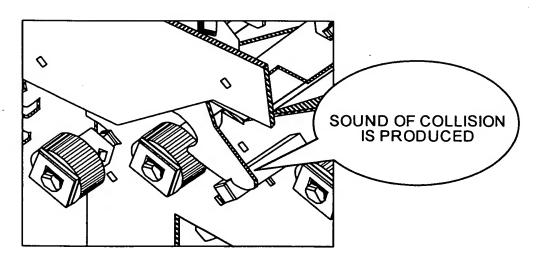


FIG.7

